Placement companies list sheet by Arsh Goyal

**Day = 1(‎04-‎05-‎2022)**

**Q-1=> Given an array of strings, return all groups of strings that are anagrams** (<https://practice.geeksforgeeks.org/problems/print-anagrams-together/1/#>)

hint\_1=> we can do by the normal thing compare the each string with others using a check vector to store the apearence of cahracters and by use visited vector to track the strings which are already checked.

hint\_2=> we can use map for which we can sort the string and then use it as a key for map and store the strings equal to it in a value.

**Q-2=> Overlapping rectangles** (<https://practice.geeksforgeeks.org/problems/overlapping-rectangles1924/1/#>)

hint\_1=> we only have to check that the position of rectangles means rectanles are along left side or right side and they are above or below.

**Q-3=> Count the subarrays having product less than k** (<https://practice.geeksforgeeks.org/problems/count-the-subarrays-having-product-less-than-k1708/1/#>)

hint\_1=> we can use sliding window aproch in this question and take care of case when the ele of array is greater than the k then we have to neglect that ele.

hint\_2=> total sum of subarray of ele n in which m are consider in previous one is (n\*(n+1))/2 - (m\*(m+1))/2.

**Day = 2(‎05-‎05-‎2022)**

**Q-1=> Run Length Encoding (**[**https://practice.geeksforgeeks.org/problems/run-length-encoding/1/#**](https://practice.geeksforgeeks.org/problems/run-length-encoding/1/#)**)**

hint\_1=> we can do it in o(n) space complaxity but for o(1) complaxity we have to think about s.erase() and s.insert() function.

**Q-2=> Find Missing And Repeating (**[**https://practice.geeksforgeeks.org/problems/find-missing-and-repeating2512/1/#**](https://practice.geeksforgeeks.org/problems/find-missing-and-repeating2512/1/#)**)**

hint\_1=> we can do it in o(n) space complaxity using that a-b is = sum of n numbers - sum of given array but for o(1) complaxity we have to think about **making each element of array -ve then the the index of +ve number is mising one and index of allready -ve number is repeted.**

**trick=> we can also use above technic to find only repeted element in array**